

PGPUB-DOCUMENT-NUMBER: 20030088104

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030088104 A1

TITLE: Biaryl-type compounds, CD color fixing agent and method for determination of absolute configuration

PUBLICATION-DATE: May 8, 2003

INVENTOR-INFORMATION:

| NAME           | CITY          | STATE | COUNTRY | RULE-47 |
|----------------|---------------|-------|---------|---------|
| Ohta, Tomihisa | Kanazawa City |       | JP      |         |
| Hosoi, Shinzo  | Kanazawa City |       | JP      |         |

ASSIGNEE-INFORMATION:

| NAME                | CITY          | STATE | COUNTRY | TYPE CODE |
|---------------------|---------------|-------|---------|-----------|
| KANAZAWA UNIVERSITY | Kanazawa City |       | JP      | 03        |

APPL-NO: 10/ 082251

DATE FILED: February 26, 2002

FOREIGN-APPL-PRIORITY-DATA:

| COUNTRY | APPL-NO      | DOC-ID              | APPL-DATE     |
|---------|--------------|---------------------|---------------|
| JP      | 2001-187,770 | 2001JP-2001-187,770 | June 21, 2001 |

INT-CL: [07], C07D43/02 , C07D41/02 , C07C069/76

US-CL-PUBLISHED: 546/167, 548/269.4 , 548/354.1 , 560/76 , 558/415

US-CL-CURRENT: 546/167, 548/269.4 , 548/354.1 , 558/415 , 560/76

REFERENCE-FIGURES: NONE

ABSTRACT:

A novel achiral biaryl-type compound and a circular dichroism (CD) color fixing agent are provided. Furthermore, a method for determining an absolute configuration of a chiral compound is carried out by introducing the above achiral biaryl-type compound into the chiral compound.

----- KWIC -----

Abstract Paragraph - ABTX (1):

A novel achiral biaryl-type compound and a circular dichroism (CD) color fixing agent are provided. Furthermore, a method for determining an absolute configuration of a chiral compound is carried out by introducing the above achiral biaryl-type compound into the chiral compound.

Title - TTL (1):

Biaryl-type compounds, CD color fixing agent and method for determination of absolute configuration

Summary of Invention Paragraph - BSTX (3):

[0002] This invention relates to a biaryl-type compound, a circular dichroism (CD) color fixing agent for introducing a CD chromophore into a chiral compound and a method for determination of absolute configuration of a chiral compound.

Summary of Invention Paragraph - BSTX (15):

[0013] Another object of the invention is to provide a new CD color fixing agent by introducing a CD chromophore into a chiral compound.